

S26263 U PGPB,USPT (hypermutation or somatic adj mutation with 2007-06-
(hybridoma\$1 or antibod\$3 or immunoglobulin\$1 or 05
Ig or IgG or IgM or Ab) or somatic adj 17:46:08
hypermutation or affinity adj maturation or germinal
adj center\$1 and ((ATPase or (adenosine adj
triphosphatase\$1) or helicase\$1 or (molecular adj
motor\$1) or mutS) near (inhibitor\$1 or
antagonist\$1))) and @ad<20030910

S26262 U PGPB,USPT (hypermutation or somatic adj mutation with 2007-06-
(hybridoma\$1 or antibod\$3 or immunoglobulin\$1 or 05
Ig or IgG or IgM or Ab) or somatic adj . 17:45:52
hypermutation or affinity adj maturation or germinal
adj center\$1) and ((ATPase or (adenosine adj
triphosphatase\$1) or helicase\$1 or (molecular adj
motor\$1) or mutS) near (inhibitor\$1 or
antagonist\$1))

S26261 U PGPB,USPT (hypermutation or somatic adj mutation with 2007-06-
(hybridoma\$1 or antibod\$3 or immunoglobulin\$1 or 05
Ig or IgG or IgM or Ab)) same ((ATPase or 17:45:07
(adenosine adj triphosphatase\$1) or helicase\$1 or
(molecular adj motor\$1) or mutS) near (inhibitor\$1
or antagonist\$1))

S26260 U PGPB,USPT (hypermutation or somatic adj mutation with 2007-06-
(hybridoma\$1 or antibod\$3 or immunoglobulin\$1 or 05
Ig or IgG or IgM or Ab) or somatic adj 17:23:46
hypermutation or affinity adj maturation or germinal
adj center\$1 same (mutagen\$1 or mutagenic or
(chemical\$2 near3 mutation))) and @ad<20030910

S26259 U PGPB,USPT (hypermutation or somatic adj mutation with 2007-06-
(hybridoma\$1 or antibod\$3 or immunoglobulin\$1 or 05
Ig or IgG or IgM or Ab) or somatic adj 17:22:30
hypermutation or affinity adj maturation or germinal
adj center\$1 [ti,ab]) and (anthracene\$1 or PAH or
PAHDE or DMBA or DMBADE or BAP or BAPDE
or (diol adj epoxide\$1) or (polycyclic adj aromatic
adj hydrocarbon\$1))

S26258 U PGPB,USPT (hypermutation or somatic adj mutation with 2007-06-
(hybridoma\$1 or antibod\$3 or immunoglobulin\$1 or 05
Ig or IgG or IgM or Ab) or somatic adj 17:22:18
hypermutation or affinity adj maturation or germinal
adj center\$1) [ti,ab]

S26257 U PGPB,USPT (hypermutation or somatic adj mutation with 2007-06-
(hybridoma\$1 or antibod\$3 or immunoglobulin\$1 or 05
Ig or IgG or IgM or Ab) or somatic adj 17:21:45
hypermutation or affinity adj maturation or germinal

adj center\$1) same (anthracene\$1 or PAH or
PAHDE or DMBA or DMBADe or BAP or BAPDE
or (diol adj epoxide\$1) or (polycyclic adj aromatic
adj hydrocarbon\$1)).

S26256 U PGPB,USPT (hypermutation or somatic adj mutation with 2007-06-
(hybridoma\$1 or antibod\$3 or immunoglobulin\$1 or 05
Ig or IgG or IgM or Ab) or somatic adj 17:19:49
hypermutation or affinity adj maturation or germinal
adj center\$1) same (mutagen\$1 or mutagenic or
(chemical\$2 near3 mutation))

S26255 U PGPB,USPT (hypermutation or somatic adj mutation with 2007-06-
(hybridoma\$1 or antibod\$3 or immunoglobulin\$1 or 05
Ig or IgG or IgM or Ab)) or (somatic adj 17:18:52
hypermutation) or (affinity adj maturation) or
(germinal adj center\$1)

S26254 U PGPB,USPT (hypermutation or somatic adj mutation) with 2007-06-
(hybridoma\$1 or antibod\$3 or immunoglobulin\$1 or 05
Ig or IgG or IgM or Ab) 17:18:19

S26253 U PGPB,USPT (hypermutation) or (somatic adj mutation) 2007-06-
05
17:17:22

S26252 U PGPB,USPT hypermutation 2007-06-
05
17:17:07

S26251 U PGPB,USPT somatic adj mutation 2007-06-
05
17:16:50

S26250 U PGPB,USPT germinal adj center\$1 2007-06-
05
17:16:28

S26249 U PGPB,USPT affinity adj maturation 2007-06-
05
17:16:02

S26248 U PGPB,USPT somatic adj hypermutation

(FILE 'MEDLINE, BIOSIS, LIFESCI, BIOTECHDS, SCISEARCH, HCAPLUS' ENTERED
AT 00:37:26 ON 18 JAN 2007)

L1 604 SEA ABB=ON (GRASSO, L?)/AU
L2 528 SEA ABB=ON (NICOLAIDES, N?)/AU
L3 252 SEA ABB=ON (SASS, P?)/AU
L4 1171 SEA ABB=ON L1 OR L2 OR L3
L5 3 SEA ABB=ON L4 AND (HIGH(W) AFFINITY(W) ANTIBOD?)
L6 2 DUP REM L5 (1 DUPLICATE REMOVED)
D IBIB ABS TOT
L7 1 SEA ABB=ON L4 AND (SOMATIC(W) MUTATION)
L8 1 SEA ABB=ON L7 NOT L5
D IBIB ABS TOT
L9 21913 SEA ABB=ON (MISMATCH(3W) REPAIR)
L10 33 SEA ABB=ON (MIS(W) MATCH(3W) REPAIR)
L11 21934 SEA ABB=ON L9 OR L10
L12 126 SEA ABB=ON L4 AND L11
L13 29 SEA ABB=ON L12 AND (IMMUNOGLOBULIN# OR ANTIBOD? OR AB)
L14 14 DUP REM L13 (15 DUPLICATES REMOVED)
L15 14 SEA ABB=ON L4 AND (HYPERMUTAT? OR (HYPER(W) MUTAT?))
L16 38 SEA ABB=ON L15 OR L13
L17 21 DUP REM L16 (17 DUPLICATES REMOVED)
D IBIB ABS TOT
L18 1 SEA ABB=ON L4 AND (SOMATIC(W) HYPERMUTATION)
L19 0 SEA ABB=ON L4 AND (AFFINITY(W) MATURATION)
L20 4 SEA ABB=ON L4 AND (VITRO(3W) IMMUNIZ?)
L21 5 SEA ABB=ON L18 OR L20
L22 0 SEA ABB=ON L21 NOT L16
L23 0 SEA ABB=ON L4 AND (GERMINAL(W) CENTER#)
L24 64 SEA ABB=ON L4 AND (MUTAGEN?)
L25 20 SEA ABB=ON L24 AND (ANTIBOD? OR IMMUNOGLOBULIN#)
L26 4 SEA ABB=ON L25 NOT L16
L27 3 DUP REM L26 (1 DUPLICATE REMOVED)
D IBIB ABS TOT
L28 12 SEA ABB=ON L4 AND ?ANTHRACENE
L29 7 DUP REM L28 (5 DUPLICATES REMOVED)
D IBIB ABS TOT
L30 60458 SEA ABB=ON (HYPERMUTAT? OR ((HYPER OR SOMATIC)(W) MUTAT?) OR
(CHEMICAL?(W) MUTAGEN?) OR (AFFINITY(W) MATURATION) OR
(VITRO(W) IMMUNIZ?) OR (GERMINAL(W) CENTER#))
L31 39548 SEA ABB=ON HIGH(3W) (ANTIBOD? OR IMMUNOGLOBULIN#)
L32 846 SEA ABB=ON L30 AND L31
L33 1 SEA ABB=ON (NITROSOUREA OR PROCARBAZINE OR CHLORAMBUCIL OR
CYCLOPHOSPHAMIDE OR METHANESULFONATE OR SULFATE OR MONOMER OR
MELAMIN OR MELPHALAN OR MUSTARD) AND L32
L34 0 SEA ABB=ON L32 AND (VINCRISTINE OR DIMETHYLNITROSAMINE OR
NITROSOGUANIDINE OR DMBA OR (ETHYLENE(W) OXIDE) OR HEXAMETHYLPH
OSPHORADMIE OR BISULFAN)
L35 2 SEA ABB=ON L32 AND ?ANTHRACENE
D IBIB ABS TOT
L36 0 SEA ABB=ON (DNA(W) DAMAG?) AND D HISTORY
L37 0 SEA ABB=ON L32 AND BLEOMYCIN
L38 2180 SEA ABB=ON (VITRO(3W) IMMUNIZ?)
L39 10966 SEA ABB=ON (CHEMICAL?(W) MUTAGEN?)
L40 1 SEA ABB=ON L38(S) L39
L41 1 SEA ABB=ON L38 AND L39
L42 11 SEA ABB=ON L38 AND (VINCRISTINE OR DIMETHYLNITROSAMINE OR
NITROSOGUANIDINE OR DMBA OR (ETHYLENE(W) OXIDE) OR HEXAMETHYLPH
OSPHORADMIE OR BISULFAN OR BLEOMYCIN)
L43 11 SEA ABB=ON L38 AND ?ANTHRACENE
L44 10 SEA ABB=ON L38 AND DMBA
L45 13 SEA ABB=ON L42 OR L43 OR L44
L46 11 SEA ABB=ON L45 AND PY<2003
L47 5 DUP REM L46 (6 DUPLICATES REMOVED)
D IBIB ABS TOT

L48	21934	SEA ABB=ON	(MISMATCH OR (MIS(W) MATCH))(3W) REPAIR
L49	63408	SEA ABB=ON	PMS# OR PMSR# OR MLH# OR MSH# OR GTBP#
L50	77693	SEA ABB=ON	L48 OR L49
L51	4	SEA ABB=ON	L38 AND L50
L52	3	DUP REM L51	(1 DUPLICATE REMOVED)
		D IBIB ABS	TOT
L53	10	SEA ABB=ON	L38 AND (SOMATIC(W) (MUTATION# OR HYPERMUTATION#))
L54	1	SEA ABB=ON	L38 AND ((CHEMICAL?(W) MUTAGEN?) OR (DNA(W) DAMAG?))
L55	8	SEA ABB=ON	L38 AND (AFFINITY(W) MATURATION)
L56	58	SEA ABB=ON	L38 AND (HIGH(W) (TITER# OR AFFINIT?))
L57	71	SEA ABB=ON	L53 OR L54 OR L55 OR L56
L58	66	SEA ABB=ON	L57 AND PY<2003
L59	29	DUP REM L58	(37 DUPLICATES REMOVED)
		D IBIB ABS	TOT

(FILE 'MEDLINE, BIOSIS, LIFESCI, BIOTECHDS, SCISEARCH, HCAPLUS' ENTERED
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L3 252 SEA ABB=ON (SASS, P?)/AU
L4 1171 SEA ABB=ON L1 OR L2 OR L3
L5 3 SEA ABB=ON L4 AND (HIGH(W) AFFINITY(W) ANTIBOD?)
L6 2 DUP REM L5 (1 DUPLICATE REMOVED)
D IBIB ABS TOT
L7 1 SEA ABB=ON L4 AND (SOMATIC(W) MUTATION)
L8 1 SEA ABB=ON L7 NOT L5
D IBIB ABS TOT
L9 21913 SEA ABB=ON (MISMATCH(3W) REPAIR)
L10 33 SEA ABB=ON (MIS(W) MATCH(3W) REPAIR)
L11 21934 SEA ABB=ON L9 OR L10
L12 126 SEA ABB=ON L4 AND L11
L13 29 SEA ABB=ON L12 AND (IMMUNOGLOBULIN# OR ANTIBOD? OR AB)
L14 14 DUP REM L13 (15 DUPLICATES REMOVED)
L15 14 SEA ABB=ON L4 AND (HYPERMUTAT? OR (HYPER(W) MUTAT?))
L16 38 SEA ABB=ON L15 OR L13
L17 21 DUP REM L16 (17 DUPLICATES REMOVED)
D IBIB ABS TOT
L18 1 SEA ABB=ON L4 AND (SOMATIC(W) HYPERMUTATION)
L19 0 SEA ABB=ON L4 AND (AFFINITY(W) MATURATION)
L20 4 SEA ABB=ON L4 AND (VITRO(3W) IMMUNIZ?)
L21 5 SEA ABB=ON L18 OR L20
L22 0 SEA ABB=ON L21 NOT L16
L23 0 SEA ABB=ON L4 AND (GERMINAL(W) CENTER#)
L24 64 SEA ABB=ON L4 AND (MUTAGEN?)
L25 20 SEA ABB=ON L24 AND (ANTIBOD? OR IMMUNOGLOBULIN#)
L26 4 SEA ABB=ON L25 NOT L16
L27 3 DUP REM L26 (1 DUPLICATE REMOVED)
D IBIB ABS TOT
L28 12 SEA ABB=ON L4 AND ?ANTHRACENE
L29 7 DUP REM L28 (5 DUPLICATES REMOVED)
D IBIB ABS TOT
L30 60458 SEA ABB=ON (HYPERMUTAT? OR ((HYPER OR SOMATIC)(W) MUTAT?) OR
(CHEMICAL?(W) MUTAGEN?) OR (AFFINITY(W) MATURATION) OR
(VITRO(W) IMMUNIZ?) OR (GERMINAL(W) CENTER#))
L31 39548 SEA ABB=ON HIGH(3W)(ANTIBOD? OR IMMUNOGLOBULIN#)
L32 846 SEA ABB=ON L30 AND L31
L33 1 SEA ABB=ON (NITROSUREA OR PROCARBAZINE OR CHLORAMBUCIL OR
CYCLOPHOSPHAMIDE OR METHANESULFONATE OR SULFATE OR MONOMER OR
MELAMIN OR MELPHALAN OR MUSTARD) AND L32
L34 0 SEA ABB=ON L32 AND (VINCRISTINE OR DIMETHYLNITROSAMINE OR
NITROSOGUANIDINE OR DMBA OR (ETHYLENE(W) OXIDE) OR HEXAMETHYLPH
OSPHORADMIE OR BISULFAN)
L35 2 SEA ABB=ON L32 AND ?ANTHRACENE
D IBIB ABS TOT
L36 0 SEA ABB=ON (DNA(W) DAMAG?) AND D HISTORY
L37 0 SEA ABB=ON L32 AND BLEOMYCIN
L38 2180 SEA ABB=ON (VITRO(3W) IMMUNIZ?)
L39 10966 SEA ABB=ON (CHEMICAL?(W) MUTAGEN?)
L40 1 SEA ABB=ON L38(S) L39
L41 1 SEA ABB=ON L38 AND L39
L42 11 SEA ABB=ON L38 AND (VINCRISTINE OR DIMETHYLNITROSAMINE OR
NITROSOGUANIDINE OR DMBA OR (ETHYLENE(W) OXIDE) OR HEXAMETHYLPH
OSPHORADMIE OR BISULFAN OR BLEOMYCIN)
L43 11 SEA ABB=ON L38 AND ?ANTHRACENE
L44 10 SEA ABB=ON L38 AND DMBA
L45 13 SEA ABB=ON L42 OR L43 OR L44
L46 11 SEA ABB=ON L45 AND PY<2003
L47 5 DUP REM L46 (6 DUPLICATES REMOVED)
D IBIB ABS TOT

L48 21934 SEA ABB=ON (MISMATCH OR (MIS(W) MATCH))(3W) REPAIR
 L49 63408 SEA ABB=ON PMS# OR PMSR# OR MLH# OR MSH# OR GTBP#
 L50 77693 SEA ABB=ON L48 OR L49
 L51 4 SEA ABB=ON L38 AND L50
 L52 3 DUP REM L51 (1 DUPLICATE REMOVED)
 D IBIB ABS TOT
 L53 10 SEA ABB=ON L38 AND (SOMATIC(W) (MUTATION# OR HYPERMUTATION#))
 L54 1 SEA ABB=ON L38 AND ((CHEMICAL?(W) MUTAGEN?) OR (DNA(W)
 DAMAG?))
 L55 8 SEA ABB=ON L38 AND (AFFINITY(W) MATURATION)
 L56 58 SEA ABB=ON L38 AND (HIGH(W) (TITER# OR AFFINIT?))
 L57 71 SEA ABB=ON L53 OR L54 OR L55 OR L56
 L58 66 SEA ABB=ON L57 AND PY<2003
 L59 29 DUP REM L58 (37 DUPLICATES REMOVED)
 D IBIB ABS TOT